

FORM PTO-1390 (REV. 10/2003)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY'S DOCKET NUMBER 121931.00022	
<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371</b>				U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <div style="font-size: 24pt; font-weight: bold;">10/512106</div>	
INTERNATIONAL APPLICATION NO. PCT/GB03/ 01695		INTERNATIONAL FILING DATE 23 April 2003 (23.04.2003)		PRIORITY DATE CLAIMED 23 April 2002 (23.04.2002)	
TITLE OF INVENTION FILTER ELEMENTS					
APPLICANT(S) FOR DO/EO/US David A. Akerman and Morio Yamada					
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:					
<ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</li> <li>4. <input type="checkbox"/> The US has been elected by the expiration of 19 months from the priority date (Article 31).</li> <li>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))           <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input checked="" type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li>6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).           <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto.</li> <li>b. <input checked="" type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ol> </li> <li>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))           <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input checked="" type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).</li> <li>9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</li> <li>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol>					
<b>Items 11 to 20 below concern document(s) or information included:</b>					
<ol style="list-style-type: none"> <li>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li>13. <input checked="" type="checkbox"/> A FIRST preliminary amendment.</li> <li>14. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment.</li> <li>15. <input checked="" type="checkbox"/> A substitute specification.</li> <li>16. <input type="checkbox"/> A change of power of attorney and/or address letter.</li> <li>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.</li> <li>18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</li> <li>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</li> <li>20. <input checked="" type="checkbox"/> Other items or information:           <ol style="list-style-type: none"> <li>1. Notification Concerning Submission of Transmittal of Priority Document</li> <li>2. International Search Report</li> <li>3. Written Opinion</li> <li>4. Notice Informing Applicant of the Communication of the International Application to the Designated Offices</li> </ol> </li> </ol>					

FORM PTO-1390 (REV 10/2003) page 2 of 2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: David A. Akerman, Morio Yamada

DOCKET NO.: 121931.00022

INTERNATIONAL APPL. NO.: PCT/GB03/001695

INTERNATIONAL FILING DATE: 23 April 2003 (23.04.2003)

PRIORITY APPLICATION: GB 0209183.3

PRIORITY DATE CLAIMED: 23 April 2002 (23.04.2002)

TITLE: "Filter Elements"

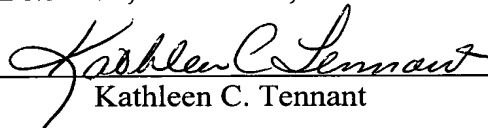
Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Quarles & Brady Streich Lang LLP  
1 S. Church Ave., Suite 1700  
Tucson, AZ 85701  
520-770-8700 Phone  
520-623-2418 Fax

CERTIFICATE OF MAILING

I hereby certify that the items listed below are being deposited with the United States Postal Service utilizing the "**EXPRESS MAIL POST OFFICE TO ADDRESSEE**" service, mailing label number **EV 432642877 US**, under 37 CFR 1.10 in an envelope addressed to: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the 21<sup>st</sup> day of October, 2004.

By: \_\_\_\_\_

  
Kathleen C. Tennant

Enclosed are:

- ☒ Itemized return postcard
- ☐ Check in the amount of \$\_\_\_\_\_ to cover the prescribed fees
- ☒ Transmittal Letter to the U.S. Designated/Elected Office (DO/EO/US) Concerning a Filing Under 35 U.S.C. 371
- ☐ Declaration for Inventorship
- ☒ Substitute specification of the invention, claims and abstract
- ☒ Preliminary Amendment
- ☐ Power of Attorney
- ☐ Statement Under 37 CFR 3.73(b)
- ☐ Assignment Agreement and Recordation Cover Sheet
- ☒ Information Disclosure Statement and copies of prior art.
- ☒ Copy of : - Notification Concerning Submission of Transmittal of Priority Document
  - International Search Report
  - Written Opinion
  - Notice Informing Applicant of the Communication of the International Application to the Designated Offices